

# FILE NOTATIONS

Entered in NID File ✓  
 Entered On S R Sheet \_\_\_\_\_  
 Location Map Pinned ✓  
 Card Indexed ✓  
 IWR for State or Fee Land \_\_\_\_\_

Checked by Chief RLD  
 Copy NID to Field Office ✓  
 Approval Letter ✓  
 Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 4-22-61  
 OW..... WW..... TA.....  
 GW..... OS..... PA ✓

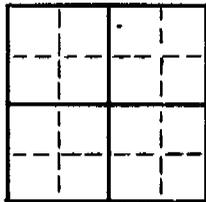
Location Inspected RLC  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 8-3-61  
 Electric Logs (No. ) None run

E \_\_\_\_\_ I \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

Copy to J.L.C.



STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
SALT LAKE CITY, UTAH

Fee and Patented.....  
State .....  
Lease No. ....  
Public Domain .....  
Lease No. 012492  
Indian .....  
Lease No. ....

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 1, 19 61

Well No. #1 Fed is located 330 ft. from  $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$  line and 2310 ft. from  $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$  line of Sec. 13  
NE, NE, NW 20 South 24 East SL  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4504.3 feet.

A drilling and plugging bond has been filed with Bureau of Land Management

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Will set 2 joints of 8 5/8" surface casing and cement total length. Will then drill until water (if any) is encountered, if a water zone is cut will run 7 1/2" 24 pound casing and cement 100' above water zone. Will then drill to objective zone open hole and if Oil and/or Gas is present will set 5 1/2" 17 pound casing. Well to be drilled by Cable Tool. Objective depth, 600', the lower Morrison

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

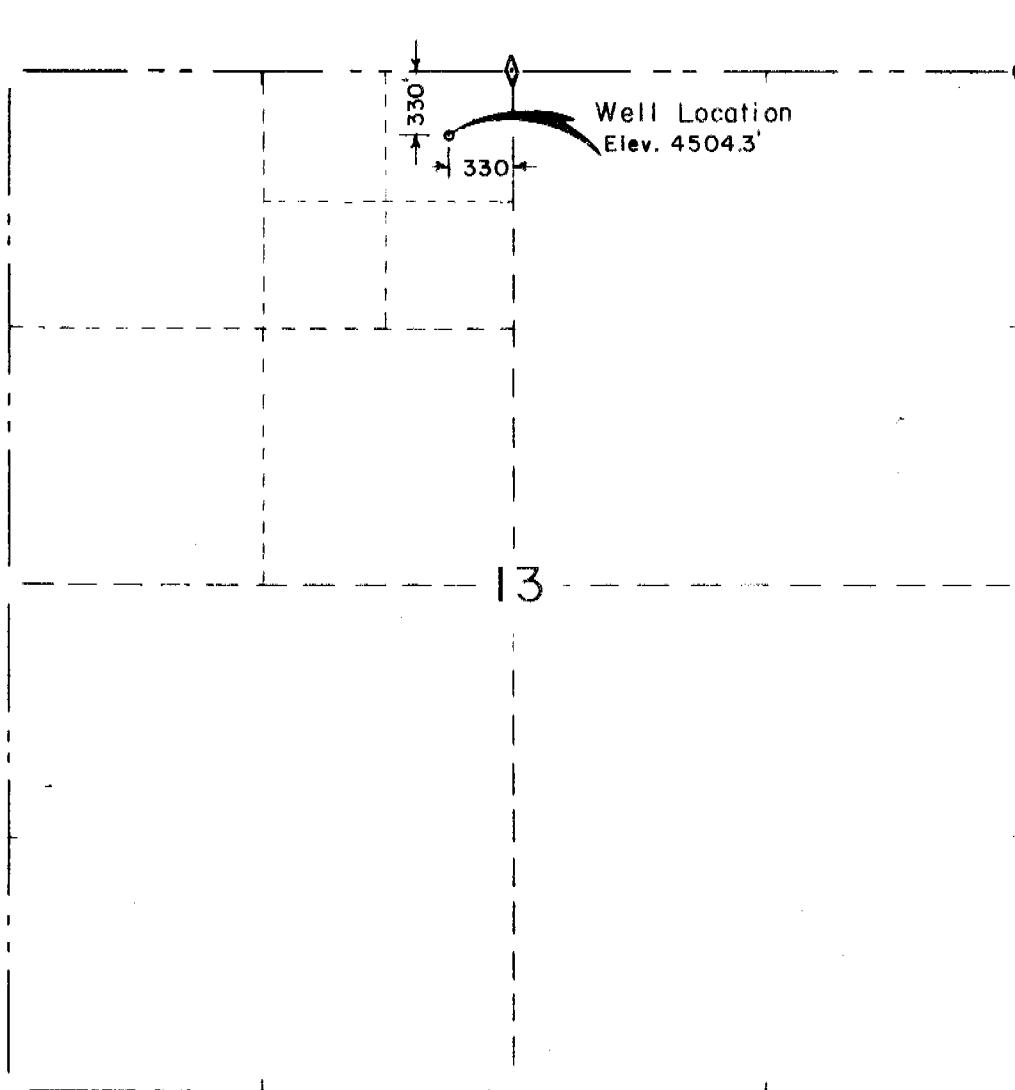
Company Intermountain Petroleum Company

Address Newhouse Hotel By Donald Bowles

Salt Lake City, Utah Title Secretary

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

WELL LOCATION  
NE $\frac{1}{4}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$  SEC. 13  
T 20S R 24E SLB & M

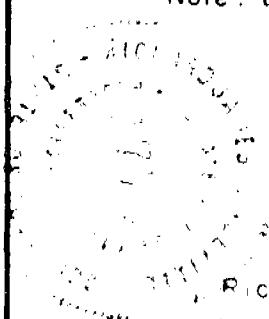


N



SCALE 1"=1000'

Note: Elevation run from Toles & Toles Well - Elev. 4638.4'



Richard J. Mandeville do hereby certify that  
this plat was plotted from notes of a field survey  
made under my supervision on February 25, 1961.

*Richard J. Mandeville*  
Registered Engineer & Land Surveyor

WESTERN ENGINEERS	
WELL LOCATION	
LARSEN ENTERPRISES	
GRAND COUNTY, UTAH	
SURVEYED	G.V.B.
DRAWN	F.B.F.
Grand Junction, Colo. 2/27/61	

March 2, 1961

Intermountain Petroleum Co.  
Newhouse Hotel  
Salt Lake City, Utah

Attn: Mr. Donald Bowles, Sec.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. #1 Federal, which is to be located 330 feet from the north line and 2310 feet from the west line of Section 13, Township 20 South, Range 24 East, SLBM, Grand County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted in accordance with the Order issued in Cause #2, on June 28, 1956.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,  
EXECUTIVE SECRETARY

CBF:awg

cc: Don F. Russell, Dist. Eng.  
U. S. Geological Survey

H. L. Coontz - OGCC, Moab

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Copy to H.L.G.

Budget Bureau No. 42-R356.5  
Approval expires 12-31-60.

LAND OFFICE Salt Lake  
LEASE NUMBER U-015  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1961,

Agent's address Parlor H & I Company INTERMOUNTAIN PET. CO.  
New House Hotel, Salt Lake City, Utah Signed \_\_\_\_\_

Phone EL 9-7165 Agent's title SECRETARY

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE, NE NW Sec. 13	20	24	#1 Fed.	/	/	/	/	/	/	Spudded well March 13th., 1961, drilling below 200'.

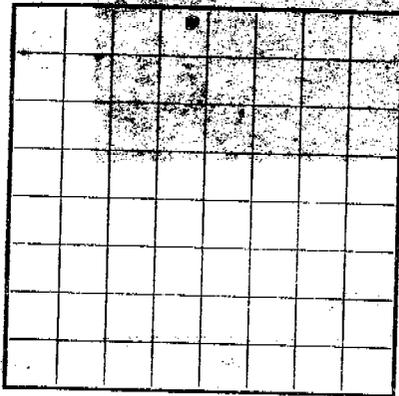
NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Salt Lake

U. S. LAND OFFICE  
SERIAL NUMBER **0-024121**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CG-2-UOCCC

LOG OF OIL OR GAS WELL

Company **Intermountain Petroleum Co.** Address **Newhouse Hotel, Salt Lake City, Utah**  
Lessor or Tract \_\_\_\_\_ Address **Wildcat** State **Utah**  
Well No. **1-Fed** Sec **13** T. **20S** R. **24E** Field **Salt Lake** State **Utah**  
Location **330** ft. **N** of \_\_\_\_\_ Line and \_\_\_\_\_ ft. **E** of \_\_\_\_\_ Line of \_\_\_\_\_ Sec **13** County **Grand** Elevation **4638'**  
(Denote flow relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date **August 2, 1961** Signed **Ronald Bowler** Title **Secretary**

The summary on this page is for the condition of the well at above date.

Commenced drilling **March 13**, 19**61** Finished drilling **April 21**, 19**61**

OIL OR GAS SANDS OR ZONES

No. 1, from **250'** to **260' (O&G)** Denote gas by G)  
No. 2, from **326'** to **527' (G)**  
No. 3, from **638'** to **639' (G)**  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 6, from \_\_\_\_\_ to \_\_\_\_\_  
No. 1, from **21'** to **60'** **IMPORTANT WATER SANDS** **268'** to **275'**  
No. 2, from **100'** to **110'** No. 3, from **520'** to **545'**  
No. 4, from **639'** to \_\_\_\_\_ to **640'**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
NONE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
NONE					

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

FOLD MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

**TOOLS USED**

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from **SURFACE** feet to **640'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_%  
 emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**G. E. Powell**

**Vernon Harper**

**EMPLOYEES**  
**Contractor**

\_\_\_\_\_, Driller

\_\_\_\_\_, Driller

\_\_\_\_\_, Driller

\_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
Surface	21'	21'	Alluvium
21'	60'	39'	Dakota
60'	510'	450'	Morrison Brushy Basin
510'	640'	130'	Morrison Salt Wash

These are sample logs.

**AUG**

FORMATION RECORD — COMPLETE

16-48094-4



DEPARTMENT OF THE INTERIOR  
 BUREAU OF MINING  
 WASHINGTON, D. C.



INTERMOUNTAIN PETROLEUM COMPANY  
# 1 FEDERAL WELL

DETAILS OF WORK

The well has been bottomed at 640' two feet into the lower Salt Wash sand.

FORMATION TOPS: (from samples)

ALLUVIUM	surface to 21'
DAKOTA SAND	21' to 60'
MORRISON BUSHY BASIN	60' to 510'
MORRISON SALT WASH	510' to 640'

Small oil or gas shows were encountered at 250' - 260', 326' - 327' and 638' - 639'. Water was encountered in the Dakota from 21' to 60', and at 100' - 110', 268' - 275', 520' - 545' and 639' - 640'.

Ten sacks of cement have been spotted on bottom and the hole filled with mud to 560'. We propose to abandon by filling the hole with mud, with cement plugs of 30 sacks, each, at 500' - 550', 240' - 290' and 80' - 130'. A plug will be set from surface to 80'. A report of abandonment with drillers log will be submitted later.

**SALT LAKE**

Land Office

**U-012492**

Lease No.

Unit

(SUBMIT IN TRIPLICATE)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

	13	

**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**APRIL 21**, 1961

Well No. **#1-FED.** is located **330** ft. from ~~X~~<sup>[N]</sup>~~X~~ line and **2310** ft. from ~~X~~<sup>[E]</sup>~~X~~<sup>[W]</sup> line of sec. **13**

**NE, NE, NW** (1/4 Sec. and Sec. No.)      **20 S.** (Twp.)      **24 E.** (Range)      **SALT LAKE** (Meridian)  
**WILDCAT** (Field)      **GRAND** (County or Subdivision)      **UTAH** (State or Territory)

The elevation of the derrick floor above sea level is **4504.3** ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**For DETAILS OF WORK see attached page.**

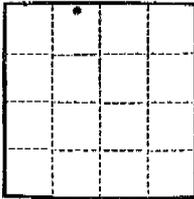
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **INTERMOUNTAIN PETROLEUM COMPANY**

Address **NEWHOUSE HOTEL**

**SALT LAKE CITY, UTAH**

By **JACK O. HORTON**  
Title **GEOLOGIST**



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R368.4  
Approval expires 12-31-60.

Land Office SALT LAKE  
Lease No. 012492  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

..... May 2 ....., 1961

Well No. #1-Ped. is located 330 ft. from XOX <sup>[N]</sup> line and 2310 ft. from XOX <sup>[W]</sup> line of sec. 13

NE, NE, NW

(¼ Sec. and Sec. No.)

20 S.

(Twp.)

24 E.

(Range)

SALT LAKE

(Meridian)

WILDCAT

(Field)

GRAND

(County or Subdivision)

UTAH

(State or Territory)

The elevation of the derrick floor above sea level 504.3 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ten sacks of cement were spotted on the bottom of hole. Hole was then filled with mud with cement plugs of 30 sacks at 550', to 500', 290' to 240' and 130' to 80' and from 80' to surface. A 4" pipe 4' high was set in cement.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company INTERMOUNTAIN PETROLEUM COMPANY

Address NEWHOUSE HOTEL, PARLOR H&I

SALT LAKE CITY, UTAH

By DONALD BOWLES

Title SECRETARY